

Name: _____ Unit: _____ Date: _____ Pd: _____

UNIT 2 OBJECTIVES – Biochemistry (ch. 2/3)

Honors

Biology

By the end of this unit, I can...

#	Objective	Questions	Confident?
1	Identify the charge, location, and significance of the three subatomic particles that compose all atoms.		1 2 3 4 5 no yes!
2	Identify the six most common elements of biochemical molecules and discuss their importance to life.		1 2 3 4 5 no yes!
3	Compare and contrast covalent, ionic, and hydrogen bonds, and explain their significance in biochemistry using real examples.		1 2 3 4 5 no yes!
4	Relate the chemical properties of water molecules to the physical properties of water and how they act to support life on Earth.		1 2 3 4 5 no yes!
5	Interpret the pH scale and differentiate between strong and weak acids and bases.		1 2 3 4 5 no yes!
6	Explain the function of buffers in living systems.		1 2 3 4 5 no yes!
7	Identify the common functional groups found in biological molecules as well as their role in biochemistry.		1 2 3 4 5 no yes!
8	Match biological monomers with the polymers they construct.		1 2 3 4 5 no yes!
9	Relate the structure and function of the four biomolecules found in all cells.		1 2 3 4 5 no yes!
10	Identify real examples of the four biomolecules and explain their function in living organisms.		1 2 3 4 5 no yes!

